

Converting Colors

CIELCh(89, 17.047, 41.562)

Have a look what the booklet for
CIELCh(89, 17.047, 41.562) contains.

CIELCh(89, 16.444, 42.473)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(89, 16.444, 42.473)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7CB
RGB	255, 215, 203
RGB Percent	100%, 84%, 80%
CMY	0.0000, 0.1569, 0.2040
CMYK	0.00, 0.16, 0.20, 0.00
HSL	14°, 100%, 90%
HSV	14°, 20%, 100%
XYZ	76.3113, 74.1641, 66.7861
YIQ	225.5920, 27.6920, 4.7480

Conversions

Conversions Part 2

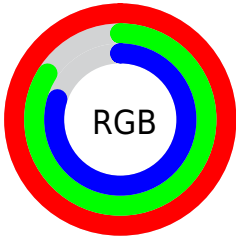
Format	Color
R _Y B	255, 219, 203
Decimal	16766923
CIE Lab	89.00, 12.13, 11.10
CIE LCh	89, 16.444, 42.473
Yxy	74.1641, 0.3512, 0.3414
Android (android.graphics.Color)	4294957003 (0xFFFFD7CB)
YUV	225.5920, -11.1379, 25.7908
Hunter-Lab	86.1186, 7.4647, 14.3028

Details

The CIELCh color **89, 16.444, 42.473** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 14.404, 224.245**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 16.575, 41.744** is the 20% darker color. If you saturate the color by 10%, you get **84, 25.550, 42.370**, and if you desaturate by 10%, it is **94, 8.042, 42.688**.

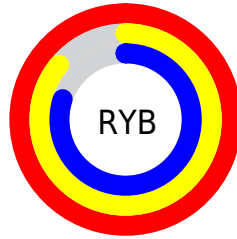
Distribution



Red (100%)

Green (84%)

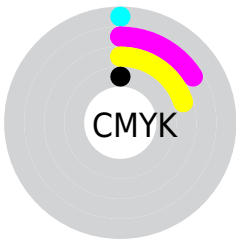
Blue (80%)



Red (100%)

Yellow (86%)

Blue (80%)

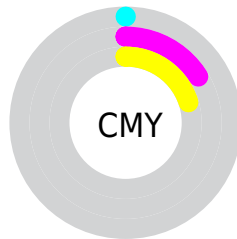


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 16.444, 42.473 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 89, 16.444, 42.473 by changing the saturation by 10% instead.

 89, 16.444, 42.473

 89, 16.444, 42.473

 100, 16.444,
42.473

 79, 16.444, 42.473

 69, 16.444, 42.473

 59, 16.444, 42.473

 49, 16.444, 42.473

 39, 16.444, 42.473

 29, 16.444, 42.473

 19, 16.444, 42.473

 9, 16.444, 42.473

 0, 16.444, 42.473

89, 16.444, 42.473

89, 16.444, 42.473

84, 25.550, 42.370

94, 8.042, 42.688

79, 35.404, 42.400

100, 0.289, 40.880

74, 46.003, 42.609

100, 0.012,
277.415

69, 57.275, 43.018

65, 69.008, 43.604

62, 80.688, 44.231

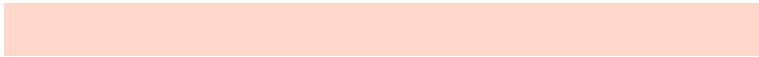
59, 91.160, 44.507

56, 98.566, 44.003

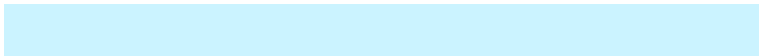
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



89, 16.444, 42.473



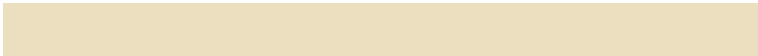
93, 14.404, 224.245

Rectangle

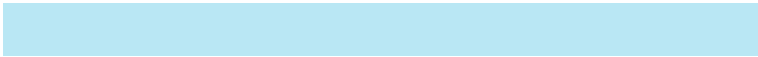
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 16.444, 42.473



89, 16.444, 92.473



89, 16.444, 222.473



89, 16.444, 272.473

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



89, 16.443, 42.483



97, 4.560, 42.764



87, 28.090, 332.432



51, 3.033, 42.757



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 16.443, 42.483



87, 19.645, 42.428



95, 19.832, 92.375



50, 4.384, 42.706



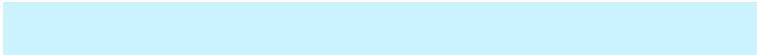
43, 78.913, 44.465



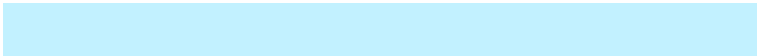
12, 29.527, 39.026

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



93, 14.404, 224.245



92, 16.764, 224.517



87, 19.972, 277.786



52, 4.137, 223.621



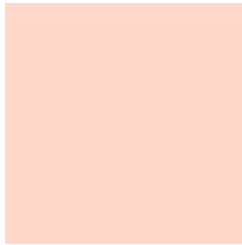
57, 36.170, 242.344



18, 16.311, 236.349

Previews

White Background



This preview shows how the CIELCh color 89, 16.444, 42.473 looks on a white background.

Color Contrast Check

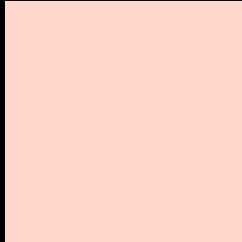
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 89, 16.444, 42.473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

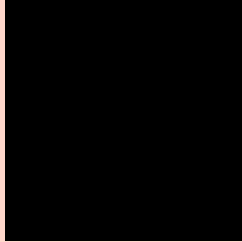
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 16.444, 42.473

Background



This preview shows how black text looks on a background with the CIELCh color 89, 16.444, 42.473.

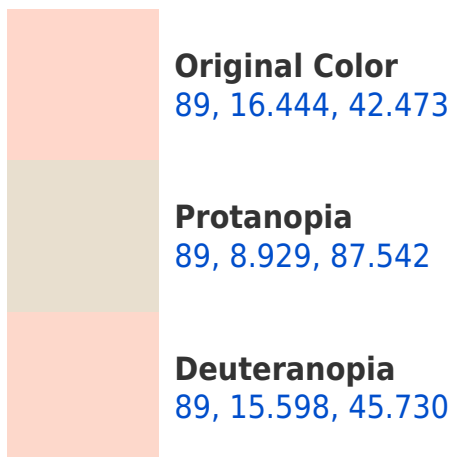


This preview shows how white text looks on a background with the CIELCh color 89, 16.444, 42.473.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
89, 16.913, 355.303

Trichromacy



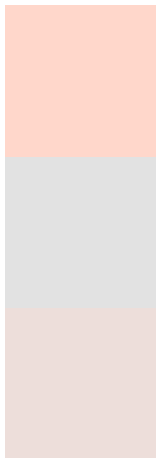
Original Color
89, 16.444, 42.473

Protanomaly
89, 10.424, 63.772

Deuteranomaly
89, 15.950, 45.148

Tritanomaly
89, 15.282, 12.751

Monochromacy



Original Color
89, 16.444, 42.473

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 5.847, 40.405

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 16.444, 42.473 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 215, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 203)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 215, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 16.444, 42.473 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 215, 203) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 215, 203) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 215, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 16.444, 42.473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 203) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
215, 203) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor